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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/720,554

11/24/2003

Philippe Bazot

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EXAMINER

HOSSAIN, IBRAHIM M

ART UNIT

PAPER NUMBER

2112

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

01/19/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/720,554	Applicant(s) BAZOT ET AL.	
	Examiner Ibrahim Hossain	Art Unit 2112	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that from the basis for the rejections under this section made in this office action:

1. A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. **Claims 1-9 and 11** are rejected under 35 U.S.C. 102 (e) as being anticipated by Azuma, U.S. 6,938,158 B2.

Consider claim 1, Azuma teaches a method for accessing Internet resources provided by at least a content server in a data transmission system including a proxy connected to the Internet network, said proxy being adapted to perform form-based authentication of a user when receiving a user request for Internet resources therefrom, and wherein said proxy transmits the user request to said content server which sends back a response to the proxy; said method comprising the following steps:

- Transmission from said proxy to a Single Sign On (SSO) Server of said user request together with credentials associated with said user (See claim 1)

- Filling by said SSO server of a login form obtained from said content server, said form being filled using said credentials (see claim 1)
- Transmission by said content server to said SSO server of a response to said user request after receiving the filled login form from said SSO server (see Fig. 6 the diagram showing the contents server response to user request), said response being then sent back to said proxy (see Fig. 2 and Col. 3, lines 60-65)
- Transmission by said proxy of the requested information to said user, said information being contained in said response (Col. 1, lines 28-31).

Consider Claim 2, Azuma teaches wherein said SSO server has at its disposal a configuration file for obtaining and filling said login form, said configuration file providing information about said content server (Col. 1, lines 60-67).

Consider Claim 3, Azuma teaches wherein the configuration file includes information including at least one of an URL of a login page, a location of said login page, a name of an input field used for "username" and a name of an input field used for "password." (Abstract and Col. 1, lines 17-19 and lines 26-28).

Consider Claim 4, Azuma teaches wherein said response from said content server sent back to said proxy includes at least one cookie specific to said content server (Col. 1, lines 28-30).

Consider Claim 5, Azuma teaches further comprising an initial step of transmitting by said user a first request to said proxy invoking an external URL configured in said proxy, said proxy sending back an authentication challenge to said user in order to verify the user credentials and checking whether the user credentials correspond to a valid user (Col. 3, lines 50-66).

Consider Claim 6, Azuma teaches wherein subsequent requests after said user request transmitted by said user are forwarded directly from said proxy to said content server, the responses containing the requested information being transmitted directly to said proxy by said content server (see claim 5).

Consider Claim 7, Azuma teaches data transmission system including a proxy connected to the Internet network and at least a content server to which a user can gain access through said proxy, said proxy being associated with authentication means adapted to perform form-based authentication of the user when receiving a user request for Internet resources therefrom and wherein said proxy transmits the user request to said content server which sends back a response to said proxy (see claim 1 and 3)

Said authentication means comprising a Single Sign-On (SSO) server adapted to obtain a login form from said content server when receiving said user request from said proxy, to fill said login form using the credentials associated with said user and to

Art Unit: 2112

send back the filled login form to said content server, so that said content server can provide the requested information after authentication of said user (see claim 3 and 5).

Consider Claim 8, Azuma teaches wherein said SSO server has at its disposal a configuration file for obtaining and filling said login form, said configuration file providing information about said content server such as the URL of the login page (Col. 1, lines 60-67).

Consider Claim 9, Azuma teaches wherein the configuration file includes information including at least one of an URL of a login page (col. 1, lines 60-67), a location of said login page, a name of an input field used for "username" and a name of an input field used for "password." (Col. 7, lines 28-30).

Consider Claim 11, Azuma teaches that the SSO server is integrated within said proxy (see claim 3).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2112

4. **Claim 10** is rejected under 35 U.S.C. 103(a) as being unpatentable over Azuma, U.S. 6,938,158 B2.

Consider claim 10, Azuma does not expressly teach that the SSO server is external to the proxy. However, it would have been obvious to one having ordinary skill in the art to modify the device of Azuma to have the SSO server external to the proxy so as to simplify the programming and allow sharing of each program by other.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ibrahim Hossain whose telephone number is 571-272-9593. The examiner can normally be reached on 8:30 AM – 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Stucker can be reached on 571-272-9821. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)

IH *IH*
01/10/2007


JEFFREY STUCKER
SUPERVISORY PATENT EXAMINER